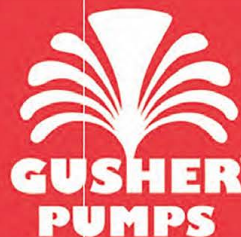


Vertical & Horizontal End Suction Pumps

7800 Series



A RUTHMAN COMPANY
www.gusher.com

**Self-Priming
Jet Pump**



**Industrial Vertical
Closed Coupled**



**Industrial Horizontal
Close Coupled**



Quality
Under
Pressure
www.gusher.com

E285J

install and easy to service.
sum efficiency.

O.D.P. SINGLE 3 PH					
F	14 ¹⁵ / ₁₆	15 ¹⁵ / ₁₆	15 ¹⁵ / ₁₆	16 ¹⁵ / ₁₆	
HP	1	1 1/2	2	3	

O.D.P. 3 PH		
F	15	15 1/2
HP	1	



RUTHMAN
Engineering Pump Solutions™

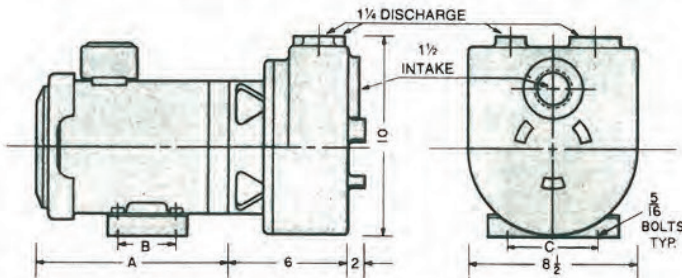
GUSHER JET PUMPS

Ruthman Model RP Self Priming pumps are backed by more than 68 years of experience in the manufacturing of centrifugal pumps for countless varieties of applications.

The Model RP has been designed to provide long life, quiet operation and maximum performance with the capability of pumping liquids from depths up to 25 feet without the aid of priming or check valves.*

They are ideal for lawn sprinkler systems, swimming pools, irrigation, etc., and can be readily adapted to many industrial uses.

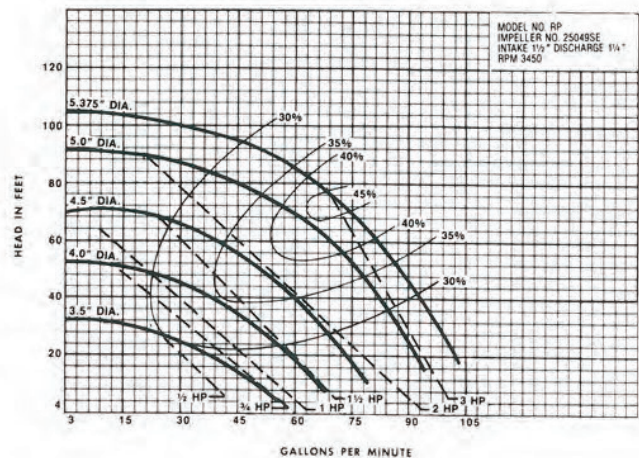
*If instantaneous flow is desired, a check valve must be installed at the maximum depth.



Dimensions in inches for TEFC 3 Phase Motors

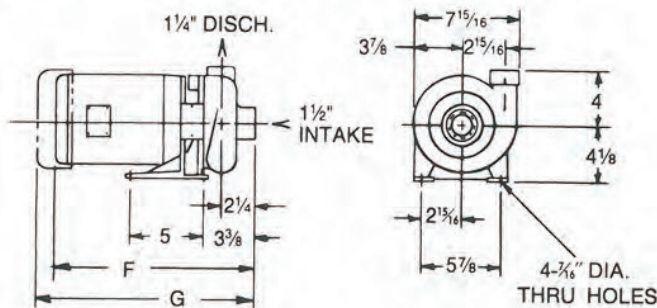
HP	1/2	3/4	1	1 1/2	2	3	5
A	11	11	11	10 1/4	11 1/4	12 1/4	14
B	3	3	3	3	3	3	5 1/2
C	4 1/4	4 1/4	4 1/4	4 1/4	4 1/4	4 1/4	7 1/2

Performance (at discharge)



Model - E285J

NEW!!! Model E285J was designed to be compact, easy to install and easy to service. This centrifugal pump is of close coupled design and uses enclosed impellers to maximum efficiency.



O.D.P. SINGLE 3 Ph.

F	14 15/16	15 15/16	15 15/16	16 13/16
HP	1	1 1/2	2	3

O.D.P. 3 Ph.

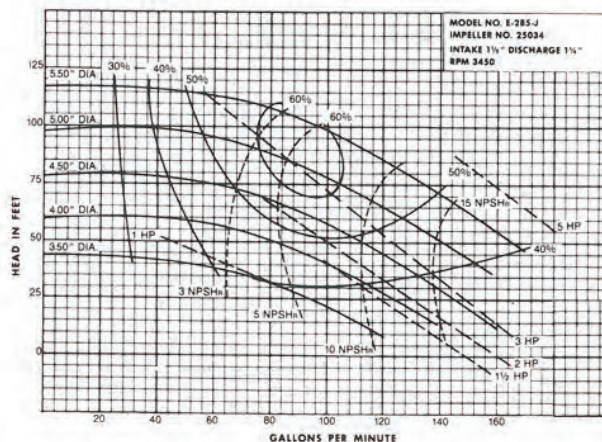
F	15	15 7/16	15 7/16	16 7/16
HP	1	1 1/2	2	3

T.E.F.C SINGLE 3 Ph.

G	16 7/16	16 7/16	17 5/16
HP	1	1 1/2	2

T.E.F.C. 3 Ph.

G	16 3/16	15 7/16	16 1/2	17 1/4	19 1/8
HP	1	1 1/2	2	3	5



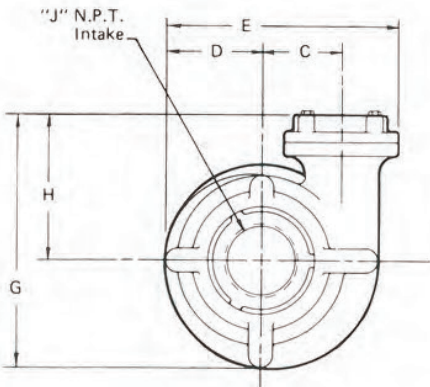
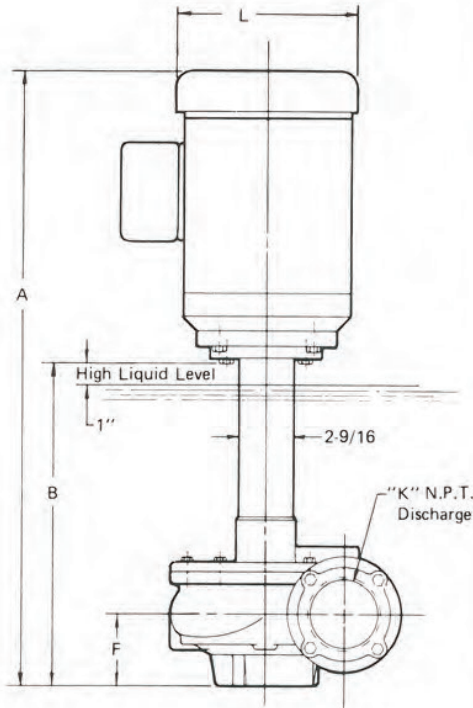
INDUSTRIAL VERTICAL CLOSE COUPLED PUMPS

Models—11018-NS, 11019-NS, 11019-A, 11031-NS, 11032-NS, 1¼x1½-7SEV, 2x2½-7SEV, & 3x4-7SEV

Gusher Industrial Vertical End Suction Pumps are designed to be reliable and versatile. Their heavy duty one piece shaft construction has no seals, bushings, or metal to metal contact below the mounting plate, assuring a long, maintenance free life. The pump design has been used in many different applications including industrial washing machines, cooling towers, spray booths, and part cleaners. For Performance Data see pages 7 thru 9.

1725 R.P.M. Dimensions in Inches

MODEL	HP	FR	A	B	C	D	E	F	G	H	J	K	L
11018-NS	1/2	143T	26 1/16	14 1/4	3 1/4	3 3/4	8 5/16	2 3/8	8 1/8	4 1/4	2	1 1/2	7 3/16
11019-NS	3/4												
11019-A	1/2	143T	26 1/8	14 3/8	3 1/2	3 7/8	8 9/16	2 3/8	8 3/8	4 3/8	2	1 1/2	7 3/16
	3/4												
	1												
11031-NS	3/4	143T	27 1/8	15 5/16	4 3/4	4 13/16	11 15/16	3 1/16	11 1/8	6 5/8	2 1/2	2	7 3/16
	1												
	1 1/2	145T	28 1/8										
	2												
11032-NS	1	143T	27 5/16	15 1/2	3 3/4	4 5/8	11 1/16	3 3/8	11 3/4	6 3/4	3	3	7 3/16
	1 1/2	145T	28 5/16										
	2												
	3	182T	29										8 1/2
1 1/4x1 1/2-7 SEV	1/2	143T	28 1/4	16 1/4	3 3/4	4 13/16	9 5/8	3 3/8	9 9/16	4	1 1/2	1 1/4	7 3/16
	3/4												
	1												
	1 1/2	145T	29 1/4										
	2												
2x2 1/2-7 SEV	1/2	143T	28 1/2	16 1/2	4 1/8	5 1/8	11	3 11/16	10 7/16	5	2 1/2	2	7 3/16
	3/4												
	1												
	1 1/2	145T	29 1/2										
	2												
3x4-7 SEV	1	143T	29 7/8	17 3/4	4 1/2	5 1/4	13 1/2	4 7/8	11 13/16	6	4*	3*	7 3/16
	1 1/2	145T	30 7/8										
	2												
	3	182T	30 3/4										
	5	184T	30 3/8										8 1/2



* ASE Flange

3450 R.P.M. Dimensions in Inches

11018-NS 11019-NS	1½	143T	26⅞	14¼	3¼	3¾	8⅝	2⅝	8⅞	4¼	2	1½	7⅜
	2	145T	27⅞										
	3		28										
	5	184T	29⅞										
	7½		30⅞										8½
11019-A	3	145T	28	14⅜	3½	3⅞	8⅝	2⅝	8⅞	4⅜	2	1½	7⅜
	5	184T	29¼										8½
	7½		30¾										

Dimensions are for 208-230/460V.-60 Cy.-3 Ph.-T.E.F.C. Motors, other motor characteristics are available and dimensions will be supplied upon request. Above dimensions are for estimating only. Write for certified drawings.

3450 R.P.M. Dimensions in Inches

MODEL	HP	FR	A	B	C	D	E	F	G	H	J	K	L
11031-NS	5	184T	30¼	15⅝	4¾	4 ¹³ / ₁₆	11 ¹⁵ / ₁₆	3 ¹ / ₁₆	11⅝	6⅝	2½	2	8½
	7½		31¾										10⅝
	10	32											
	15	33⅞											
11032-NS	5	184T	30⅝	15½	3¾	4⅝	11 ¹ / ₁₆	3⅝	11¾	6¾	3	3	8½
	7½		31⅞										10⅝
	10	32⅞											
	15	33¼											
	20	256T	36½	15									13¼
	25	284T	39¾										15⅝
1¼x1½-7 SEV	5	184T	31⅞	16¼	3¾	4 ¹³ / ₁₆	9⅝	3⅝	9 ⁹ / ₁₆	4	1½	1¼	8½
	7½		32⅞										10⅝
	10	215T	33⅞										
2x2½-7 SEV	5	184T	31⅞	16½	4⅞	5⅞	11	3 ¹¹ / ₁₆	10 ⁷ / ₁₆	5	2½	2	8½
	7½		33⅞										10⅝
	10	215T	33⅞										
	15		34½										
3x4-7 SEV	7½	184T	34⅞	17¾	4½	5¼	13½	4⅞	11 ¹³ / ₁₆	6	4*	3*	8½
	10	215T	34⅞										10⅝
	15		35¾										
	20	256T	35¾	14⅝									13¼
	25	284T	37¼										
	30	286T	39⅞										15⅝

INDUSTRIAL HORIZONTAL CLOSE COUPLED PUMPS
1725 R.P.M. Dimensions in Inches Dimensions are for estimates only. Write for certified drawings.

MODEL	HP	A	C	D	E	F	G	H	J	K	L	P	R	S	T	MOTOR FR.
11018-CIH	1/2	16 $\frac{3}{8}$	3 $\frac{1}{4}$	3 $\frac{3}{4}$	8 $\frac{5}{16}$	2 $\frac{3}{8}$	8 $\frac{5}{8}$	4 $\frac{1}{4}$	1 $\frac{1}{2}$ / 2	1 $\frac{1}{16}$	6 $\frac{1}{8}$	3 $\frac{1}{2}$	2 $\frac{7}{16}$	9 $\frac{5}{8}$	3	56C
11019-CIH	3/4	17 $\frac{3}{8}$	3 $\frac{1}{4}$	3 $\frac{3}{4}$	8 $\frac{5}{16}$	2 $\frac{3}{8}$	8 $\frac{5}{8}$	4 $\frac{1}{4}$	2	1 $\frac{1}{2}$	6 $\frac{1}{8}$	3 $\frac{1}{2}$	2 $\frac{7}{16}$	9 $\frac{5}{8}$	3	56C
11019-AH	1	21 $\frac{3}{4}$	3 $\frac{1}{2}$	3 $\frac{7}{8}$	8 $\frac{9}{16}$	2 $\frac{3}{8}$	8 $\frac{3}{8}$	4 $\frac{3}{8}$	2	1 $\frac{1}{2}$	7 $\frac{3}{16}$	3 $\frac{1}{2}$	2 $\frac{7}{16}$	12	3	56C
	1 $\frac{1}{2}$	22 $\frac{13}{16}$	3 $\frac{1}{2}$	3 $\frac{7}{8}$	8 $\frac{9}{16}$	2 $\frac{3}{8}$	8 $\frac{3}{8}$	4 $\frac{3}{8}$	2	1 $\frac{1}{2}$	7 $\frac{3}{16}$	3 $\frac{1}{2}$	2 $\frac{3}{4}$	12 $\frac{5}{16}$	5	145TC
	2	22 $\frac{13}{16}$	3 $\frac{1}{2}$	3 $\frac{7}{8}$	8 $\frac{9}{16}$	2 $\frac{3}{8}$	8 $\frac{3}{8}$	4 $\frac{3}{8}$	2	1 $\frac{1}{2}$	7 $\frac{3}{16}$	3 $\frac{1}{2}$	2 $\frac{3}{4}$	12 $\frac{5}{16}$	5	145TC
11031-CIH	1	17 $\frac{5}{16}$	4 $\frac{3}{4}$	4 $\frac{5}{8}$	11 $\frac{3}{8}$	3 $\frac{1}{4}$	11 $\frac{3}{8}$	6 $\frac{5}{8}$	2 $\frac{1}{2}$	**2	7 $\frac{3}{16}$	3 $\frac{1}{2}$	2 $\frac{7}{16}$	9 $\frac{5}{8}$	3	56C
	1 $\frac{1}{2}$	19 $\frac{1}{4}$	4 $\frac{3}{4}$	4 $\frac{5}{8}$	11 $\frac{3}{8}$	3 $\frac{1}{4}$	11 $\frac{3}{8}$	6 $\frac{5}{8}$	2 $\frac{1}{2}$	**2	8 $\frac{1}{2}$	4 $\frac{1}{2}$	3 $\frac{3}{4}$	9 $\frac{11}{16}$	4 $\frac{1}{2}$	182C
	2	19 $\frac{1}{4}$	4 $\frac{3}{4}$	4 $\frac{5}{8}$	11 $\frac{3}{8}$	3 $\frac{1}{4}$	11 $\frac{3}{8}$	6 $\frac{5}{8}$	2 $\frac{1}{2}$	**2	8 $\frac{1}{2}$	4 $\frac{1}{2}$	3 $\frac{3}{4}$	9 $\frac{11}{16}$	5 $\frac{1}{2}$	184C
	3	19 $\frac{1}{4}$	4 $\frac{3}{4}$	4 $\frac{5}{8}$	11 $\frac{3}{8}$	3 $\frac{1}{4}$	11 $\frac{3}{8}$	6 $\frac{5}{8}$	2 $\frac{1}{2}$	**2	8 $\frac{1}{2}$	4 $\frac{1}{2}$	3 $\frac{3}{4}$	9 $\frac{11}{16}$	5 $\frac{1}{2}$	184C
11032-CIH	1 $\frac{1}{2}$	19 $\frac{1}{4}$	3 $\frac{3}{4}$	4 $\frac{5}{8}$	11 $\frac{1}{16}$	3 $\frac{3}{8}$	11 $\frac{3}{4}$	6 $\frac{3}{4}$	3	3	8 $\frac{1}{2}$	4 $\frac{1}{2}$	3 $\frac{3}{4}$	9 $\frac{11}{16}$	4 $\frac{1}{2}$	182C
	2	19 $\frac{1}{4}$	3 $\frac{3}{4}$	4 $\frac{5}{8}$	11 $\frac{1}{16}$	3 $\frac{3}{8}$	11 $\frac{3}{4}$	6 $\frac{3}{4}$	3	3	8 $\frac{1}{2}$	4 $\frac{1}{2}$	3 $\frac{3}{4}$	9 $\frac{11}{16}$	5 $\frac{1}{2}$	184C
	3	19 $\frac{1}{4}$	3 $\frac{3}{4}$	4 $\frac{5}{8}$	11 $\frac{1}{16}$	3 $\frac{3}{8}$	11 $\frac{3}{4}$	6 $\frac{3}{4}$	3	3	8 $\frac{1}{2}$	4 $\frac{1}{2}$	3 $\frac{3}{4}$	9 $\frac{11}{16}$	5 $\frac{1}{2}$	184C
	5	20 $\frac{5}{8}$	3 $\frac{3}{4}$	4 $\frac{5}{8}$	11 $\frac{1}{16}$	3 $\frac{3}{8}$	11 $\frac{3}{4}$	6 $\frac{3}{4}$	3	3	8 $\frac{1}{2}$	4 $\frac{1}{2}$	3 $\frac{3}{4}$	9 $\frac{11}{16}$	5 $\frac{1}{2}$	184C
1$\frac{1}{4}$x1$\frac{1}{2}$-7 SEH	1/2	24 $\frac{9}{16}$	3 $\frac{3}{4}$	4 $\frac{13}{16}$	9 $\frac{5}{8}$	3 $\frac{3}{8}$	9 $\frac{9}{16}$	4	1 $\frac{1}{2}$	1 $\frac{1}{4}$	6 $\frac{3}{4}$	3 $\frac{1}{2}$	2 $\frac{7}{16}$	13 $\frac{7}{8}$	3	56J
	3/4	24 $\frac{9}{16}$	3 $\frac{3}{4}$	4 $\frac{13}{16}$	9 $\frac{5}{8}$	3 $\frac{3}{8}$	9 $\frac{9}{16}$	4	1 $\frac{1}{2}$	1 $\frac{1}{4}$	6 $\frac{3}{4}$	3 $\frac{1}{2}$	2 $\frac{7}{16}$	13 $\frac{7}{8}$	3	56J
	1	23 $\frac{5}{16}$	3 $\frac{3}{4}$	4 $\frac{13}{16}$	9 $\frac{5}{8}$	3 $\frac{3}{8}$	9 $\frac{9}{16}$	4	1 $\frac{1}{2}$	1 $\frac{1}{4}$	6 $\frac{3}{4}$	3 $\frac{1}{2}$	2 $\frac{3}{4}$	14 $\frac{3}{16}$	4	143JP
	1 $\frac{1}{2}$	23 $\frac{5}{16}$	3 $\frac{3}{4}$	4 $\frac{13}{16}$	9 $\frac{5}{8}$	3 $\frac{3}{8}$	9 $\frac{9}{16}$	4	1 $\frac{1}{2}$	1 $\frac{1}{4}$	6 $\frac{3}{4}$	3 $\frac{1}{2}$	2 $\frac{3}{4}$	14 $\frac{3}{16}$	5	145JP
	2	23 $\frac{5}{16}$	3 $\frac{3}{4}$	4 $\frac{13}{16}$	9 $\frac{5}{8}$	3 $\frac{3}{8}$	9 $\frac{9}{16}$	4	1 $\frac{1}{2}$	1 $\frac{1}{4}$	6 $\frac{3}{4}$	3 $\frac{1}{2}$	2 $\frac{3}{4}$	14 $\frac{3}{16}$	5	145JP
2x2$\frac{1}{2}$-7 SEH	1/2	24 $\frac{13}{16}$	4 $\frac{1}{8}$	5 $\frac{1}{8}$	11	3 $\frac{11}{16}$	10 $\frac{7}{16}$	5	2 $\frac{1}{2}$	2	6 $\frac{3}{4}$	3 $\frac{1}{2}$	2 $\frac{7}{16}$	14 $\frac{1}{8}$	3	56J
	3/4	24 $\frac{13}{16}$	4 $\frac{1}{8}$	5 $\frac{1}{8}$	11	3 $\frac{11}{16}$	10 $\frac{7}{16}$	5	2 $\frac{1}{2}$	2	6 $\frac{3}{4}$	3 $\frac{1}{2}$	2 $\frac{7}{16}$	14 $\frac{1}{8}$	3	56J
	1	23 $\frac{9}{16}$	4 $\frac{1}{8}$	5 $\frac{1}{8}$	11	3 $\frac{11}{16}$	10 $\frac{7}{16}$	5	2 $\frac{1}{2}$	2	6 $\frac{3}{4}$	3 $\frac{1}{2}$	2 $\frac{3}{4}$	14 $\frac{7}{16}$	4	143JP
	1 $\frac{1}{2}$	23 $\frac{9}{16}$	4 $\frac{1}{8}$	5 $\frac{1}{8}$	11	3 $\frac{11}{16}$	10 $\frac{7}{16}$	5	2 $\frac{1}{2}$	2	6 $\frac{3}{4}$	3 $\frac{1}{2}$	2 $\frac{3}{4}$	14 $\frac{7}{16}$	5	145JP
	2	23 $\frac{9}{16}$	4 $\frac{1}{8}$	5 $\frac{1}{8}$	11	3 $\frac{11}{16}$	10 $\frac{7}{16}$	5	2 $\frac{1}{2}$	2	6 $\frac{3}{4}$	3 $\frac{1}{2}$	2 $\frac{3}{4}$	14 $\frac{7}{16}$	5	145JP
3x4-7 SEH	1	24 $\frac{13}{16}$	4 $\frac{1}{2}$	5 $\frac{1}{4}$	13 $\frac{1}{2}$	4 $\frac{7}{8}$	11 $\frac{13}{16}$	6	*4	*3	6 $\frac{3}{4}$	3 $\frac{1}{2}$	2 $\frac{3}{4}$	15 $\frac{11}{16}$	4	143JP
	1 $\frac{1}{2}$	24 $\frac{13}{16}$	4 $\frac{1}{2}$	5 $\frac{1}{4}$	13 $\frac{1}{2}$	4 $\frac{7}{8}$	11 $\frac{13}{16}$	6	*4	*3	6 $\frac{3}{4}$	3 $\frac{1}{2}$	2 $\frac{3}{4}$	15 $\frac{11}{16}$	5	145JP
	2	24 $\frac{13}{16}$	4 $\frac{1}{2}$	5 $\frac{1}{4}$	13 $\frac{1}{2}$	4 $\frac{7}{8}$	11 $\frac{13}{16}$	6	*4	*3	6 $\frac{3}{4}$	3 $\frac{1}{2}$	2 $\frac{3}{4}$	15 $\frac{11}{16}$	5	145JP
	3	27 $\frac{3}{4}$	4 $\frac{1}{2}$	5 $\frac{1}{4}$	13 $\frac{1}{2}$	4 $\frac{7}{8}$	11 $\frac{13}{16}$	6	*4	*3	7 $\frac{7}{8}$	4 $\frac{1}{2}$	3 $\frac{3}{4}$	16 $\frac{5}{16}$	4 $\frac{1}{2}$	182JP
	5	27 $\frac{3}{4}$	4 $\frac{1}{2}$	5 $\frac{1}{4}$	13 $\frac{1}{2}$	4 $\frac{7}{8}$	11 $\frac{13}{16}$	6	*4	*3	7 $\frac{7}{8}$	4 $\frac{1}{2}$	3 $\frac{3}{4}$	16 $\frac{5}{16}$	5 $\frac{1}{2}$	184JP

* ASE Flange

Dimensions for 208-230/460 Volt-60 Cy.-3 Ph. T.E.F.C. Motors, other motor characteristics are available and dimensions will be furnished upon request.

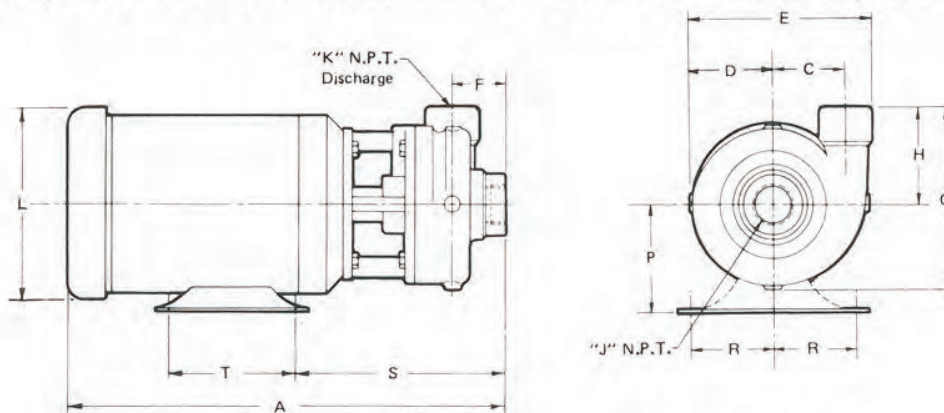
Dimensions in inches continued on next page

INDUSTRIAL HORIZONTAL CLOSE COUPLED PUMPS

Models — 11018-CIH, 11019-CIH, 11019-AH, 11031-CIH, 11032-CIH, 1¼x1½-7SEH, 2x2½-7SEH, & 3x4-7SEH

Gusher close coupled pumps are designed to cut maintenance two ways. First, they will give years of trouble free operation without regular maintenance except for periodic lubrication. Secondly, when disassembly is required, their back-pull-out design cuts downtime to a minimum.

The back-pull-out design allows all pump components to be removed and reinstalled without disturbing or disconnecting the piping—a major time savings. Once removed, the pump can be restored to new condition by replacing the seal assembly which features a mechanical seal for positive sealing (no leakage at all) and a shaft sleeve which adds years of service to the sturdy motor shaft. (The sleeve wears out not the shaft.) After repairs are completed installation is fast and easy. The pump is back in operation with a minimum of down time. Seal is available in Tungsten Carbide for abrasive applications. For Performance Data see pages 7 thru 9.



3450 R.P.M. Dimensions in Inches (for 1725 R.P.M. Dimensions see page 5)

MODEL	HP	A	C	D	E	F	G	H	J	K	L	P	R	S	T	MOTOR FR.
11018-CIH & 11019-CIH	1	17 ⁵ / ₁₆	3¼	3¾	8 ⁵ / ₁₆	2 ³ / ₈	8 ⁵ / ₈	4¼	1½/2	1/1½	7 ³ / ₁₆	3½	2¾	9 ⁵ / ₈	5	145TC
	1½	18 ⁵ / ₁₆	3¼	3¾	8 ⁵ / ₁₆	2 ³ / ₈	8 ⁵ / ₈	4¼	1½/2	1/1½	7 ³ / ₁₆	4½	2¾	9 ¹¹ / ₁₆	5	145TC
	2	18 ⁵ / ₁₆	3¼	3¾	8 ⁵ / ₁₆	2 ³ / ₈	8 ⁵ / ₈	4¼	1½/2	1/1½	7 ³ / ₁₆	4½	2¾	9 ¹¹ / ₁₆	5	145TC
	3	19 ⁵ / ₁₆	3¼	3¾	8 ⁵ / ₁₆	2 ³ / ₈	8 ⁵ / ₈	4¼	1½/2	1/1½	8½	4½	2¾	9¾	5½	184C
	5	20 ⁵ / ₈	3¼	3¾	8 ⁵ / ₁₆	2 ³ / ₈	8 ⁵ / ₈	4¼	2	1½	8½	4½	3¾	9 ¹¹ / ₁₆	5½	184C
11019-AH	1	21¾	3½	3 ⁷ / ₈	8 ⁹ / ₁₆	2 ³ / ₈	8 ³ / ₈	4 ³ / ₈	2	1½	7 ³ / ₁₆	3½	2 ⁷ / ₁₆	12	3	56C
	1½	22 ¹³ / ₁₆	3½	3 ⁷ / ₈	8 ⁹ / ₁₆	2 ³ / ₈	8 ³ / ₈	4 ³ / ₈	2	1½	7 ³ / ₁₆	3½	2¾	12 ⁵ / ₁₆	4	143TC
	2	22 ¹³ / ₁₆	3½	3 ⁷ / ₈	8 ⁹ / ₁₆	2 ³ / ₈	8 ³ / ₈	4 ³ / ₈	2	1½	7 ³ / ₁₆	3½	2¾	12 ⁵ / ₁₆	5	145TC
	3	23 ¹¹ / ₁₆	3½	3 ⁷ / ₈	8 ⁹ / ₁₆	2 ³ / ₈	8 ³ / ₈	4 ³ / ₈	2	1½	7 ³ / ₁₆	3½	2¾	12 ⁵ / ₁₆	5	145TC
	5	26	3½	3 ⁷ / ₈	8 ⁹ / ₁₆	2 ³ / ₈	8 ³ / ₈	4 ³ / ₈	2	1½	8½	4½	3¾	13 ¹⁵ / ₁₆	5½	184TC
11031-CIH	7½	28 ¹ / ₈	3½	3 ⁷ / ₈	8 ⁹ / ₁₆	2 ³ / ₈	8 ³ / ₈	4 ³ / ₈	2	1½	10¼	5¼	4 ¹ / ₈	13 ¹⁵ / ₁₆	5½	213TC
	3	19¼	4¾	4 ⁵ / ₈	11 ³ / ₈	3¼	11 ³ / ₈	6 ⁵ / ₈	2½	**2	8½	4½	3¾	9 ¹¹ / ₁₆	5½	184C
	5	20 ⁵ / ₈	4¾	4 ⁵ / ₈	11 ³ / ₈	3¼	11 ³ / ₈	6 ⁵ / ₈	2½	**2	8½	4½	3¾	9 ¹¹ / ₁₆	5½	184C
	7½	22 ⁵ / ₈	4¾	4 ⁵ / ₈	11 ³ / ₈	3¼	11 ³ / ₈	6 ⁵ / ₈	2½	**2	10¼	5¼	4¼	11 ¹ / ₁₆	8½	213TC
	10	22 ⁵ / ₈	4¾	4 ⁵ / ₈	11 ³ / ₈	3¼	11 ³ / ₈	6 ⁵ / ₈	2½	**2	10¼	5¼	4¼	11 ¹ / ₁₆	8½	215TC
11032-CIH	5	20 ⁵ / ₈	3¾	4 ⁵ / ₈	11 ¹ / ₁₆	3 ³ / ₈	11¾	6¾	3	3	8½	4½	3¾	9 ¹¹ / ₁₆	5½	184C
	7½	22 ⁵ / ₈	3¾	4 ⁵ / ₈	11 ¹ / ₁₆	3 ³ / ₈	11¾	6¾	3	3	10¼	5¼	4¼	11 ¹ / ₁₆	8½	213TC
	10	22 ⁵ / ₈	3¾	4 ⁵ / ₈	11 ¹ / ₁₆	3 ³ / ₈	11¾	6¾	3	3	10¼	5¼	4¼	11 ¹ / ₁₆	8½	215TC
	15	25 ⁵ / ₁₆	3¾	4 ⁵ / ₈	11 ¹ / ₁₆	3 ³ / ₈	11¾	6¾	3	3	13¼	6¼	5	11 ¹ / ₁₆	10	254TC
	20	27 ⁵ / ₁₆	3¾	4 ⁵ / ₈	11 ¹ / ₁₆	3 ³ / ₈	11¾	6¾	3	3	13¼	6¼	5	11 ¹ / ₁₆	10	256TC

Dimensions for 208-230/460 Volt-60 Cy.-3 Ph. T.E.F.C. Motors, other motor characteristics are available and dimensions will be furnished upon request

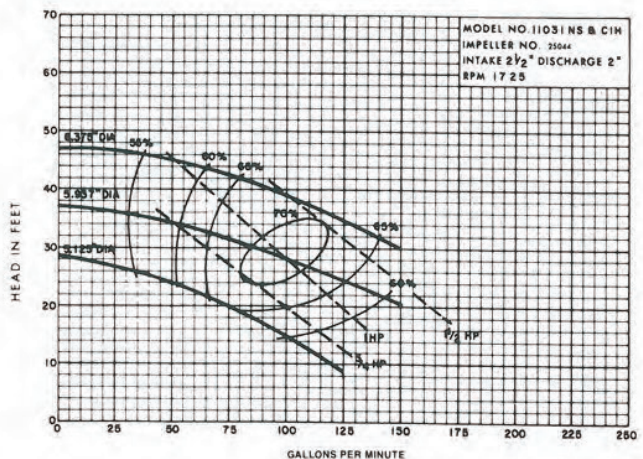
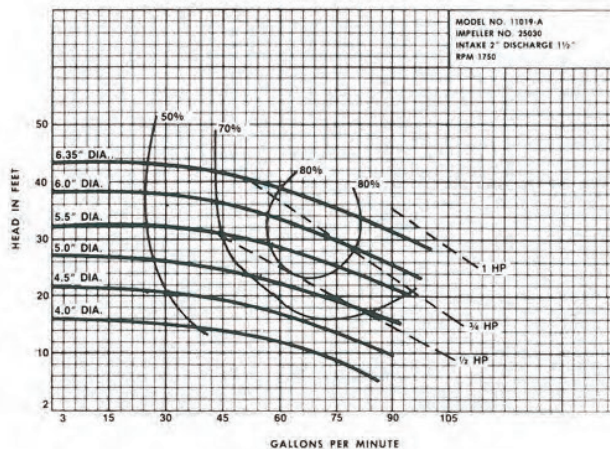
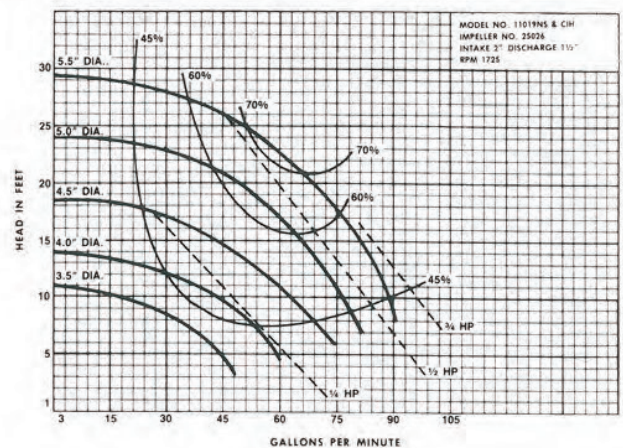
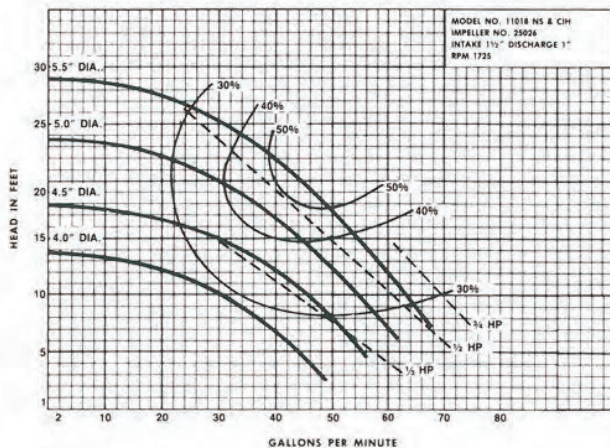
INDUSTRIAL HORIZONTAL CLOSE COUPLED PUMPS

3450 R.P.M. Dimensions in Inches (for 1725 R.P.M. Dimensions see page 5)

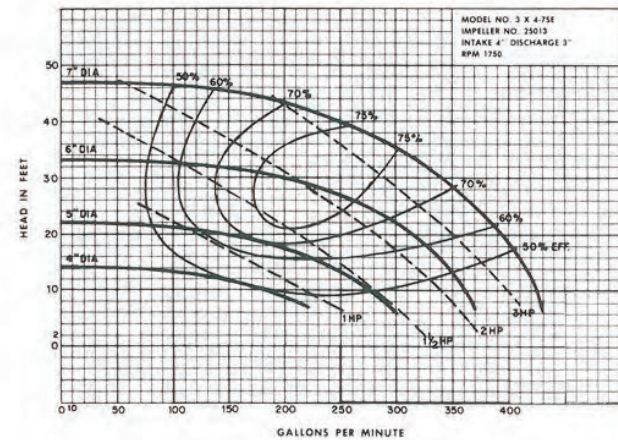
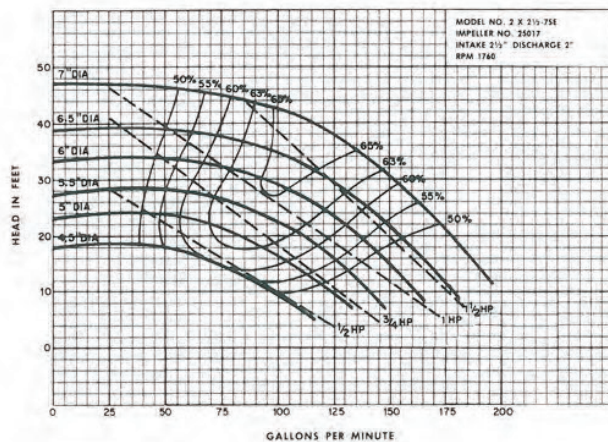
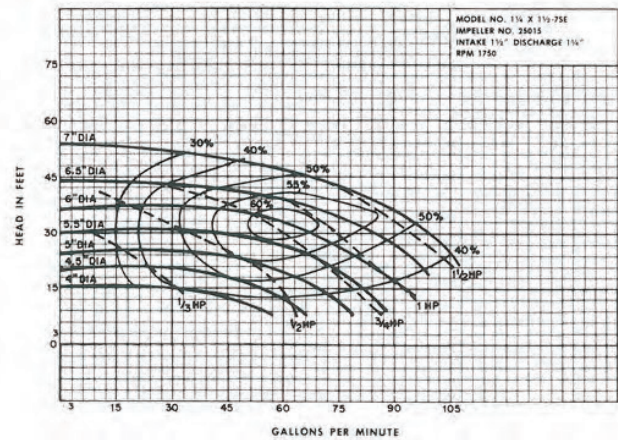
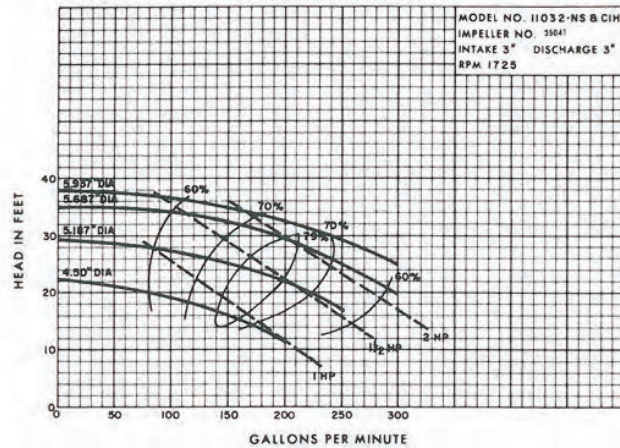
MODEL	HP	A	C	D	E	F	G	H	J	K	L	P	R	S	T	MOTOR FR.
1¼x1½-7 SEH	5	26¼	3¾	4⅓ ₁₆	9⅝	3⅜	9⅞ ₁₆	4	1½	1¼	7⅞	4½	3¾	14⅓ ₁₆	5½	184JP
	7½	26¼	3¾	4⅓ ₁₆	9⅝	3⅜	9⅞ ₁₆	4	1½	1¼	7⅞	4½	3¾	14⅓ ₁₆	5½	184JP
	10	28	3¾	4⅓ ₁₆	9⅝	3⅜	9⅞ ₁₆	4	1½	1¼	9⅝	5¼	4¼	15⅓ ₁₆	7	215JP
2x2½-7 SEH	5	26½	4⅛	5⅞	11	3⅞ ₁₆	10⅞ ₁₆	5	2½	2	7⅞	4½	3¾	15⅓ ₁₆	5½	184JP
	7½	26½	4⅛	5⅞	11	3⅞ ₁₆	10⅞ ₁₆	5	2½	2	7⅞	4½	3¾	15⅓ ₁₆	5½	184JP
	10	28¼	4⅛	5⅞	11	3⅞ ₁₆	10⅞ ₁₆	5	2½	2	9⅝	5¼	4¼	16⅓ ₁₆	7	215JP
3x4-7 SEH	15	28¼	4⅛	5⅞	11	3⅞ ₁₆	10⅞ ₁₆	5	2½	2	9⅝	5¼	4¼	16⅓ ₁₆	7	215JP
	7½	27¾	4½	5¼	13½	4⅞	11⅓ ₁₆	6	*4	*3	7⅞	4½	3¾	16⅓ ₁₆	5½	184JP
	10	29½	4½	5¼	13½	4⅞	11⅓ ₁₆	6	*4	*3	9⅝	5¼	4¼	17⅓ ₁₆	7	215JP
	15	29½	4½	5¼	13½	4⅞	11⅓ ₁₆	6	*4	*3	9⅝	5¼	4¼	17⅓ ₁₆	7	215JP
	20	34⅞	4½	5¼	13½	4⅞	11⅓ ₁₆	6	*4	*3	11½	6¼	5	17⅓ ₁₆	10	256JP
	25	35⅞ ₁₆	4½	5¼	13½	4⅞	11⅓ ₁₆	6	*4	*3	13½	7	5½	17⅓ ₁₆	11	284JP
	30	35⅞ ₁₆	4½	5¼	13½	4⅞	11⅓ ₁₆	6	*4	*3	13½	7	5½	17⅓ ₁₆	11	284JP

*ASE Flange

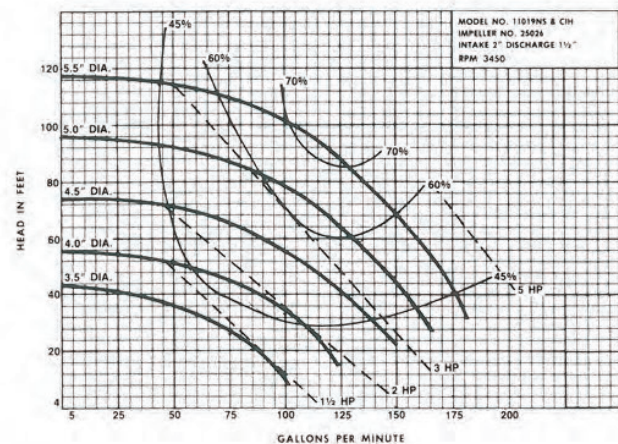
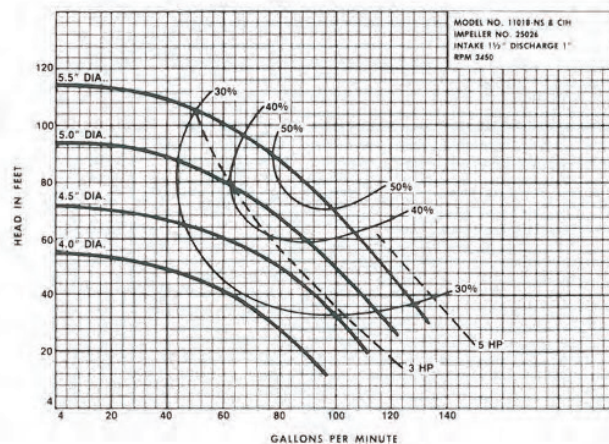
PERFORMANCE DATA 1725 RPM



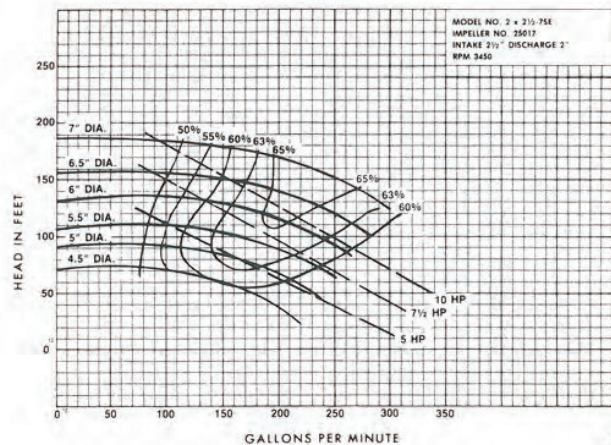
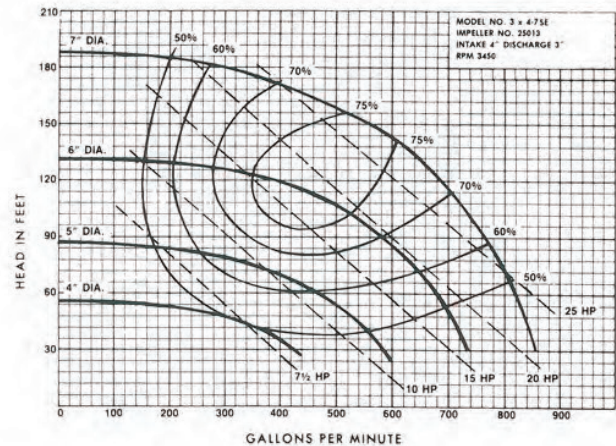
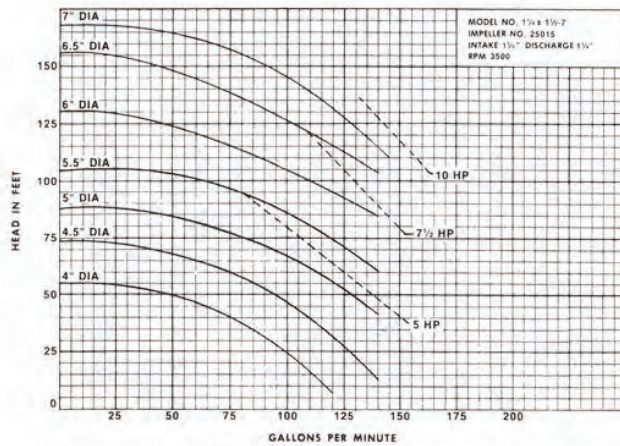
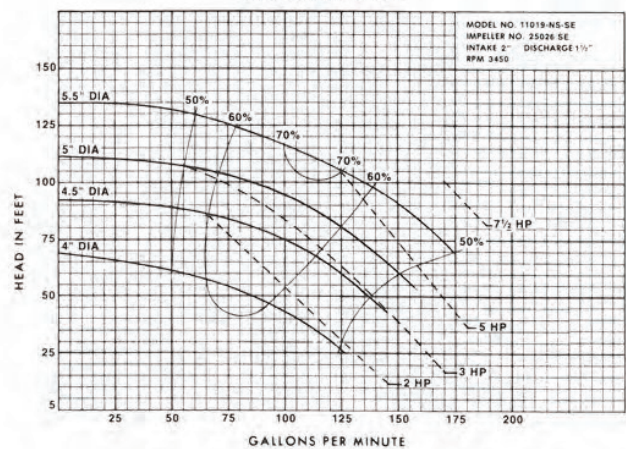
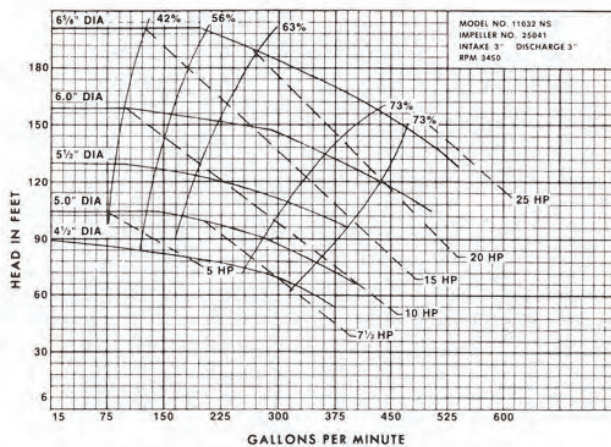
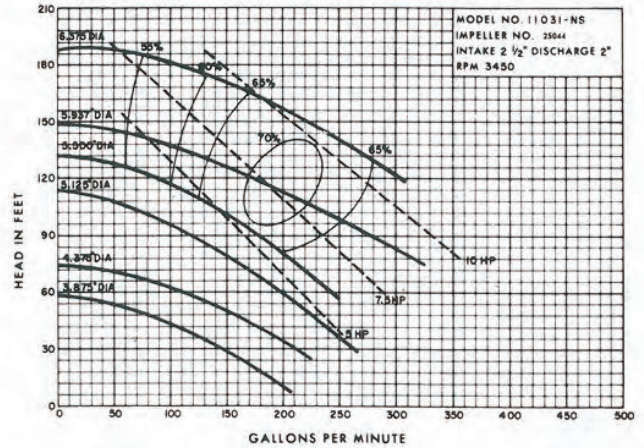
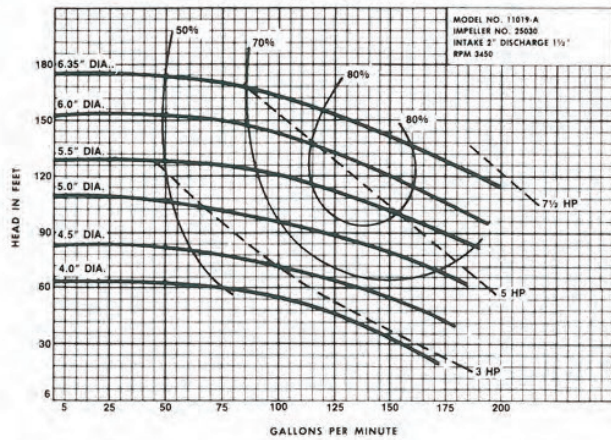
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PERFORMANCE DATA 3450 RPM



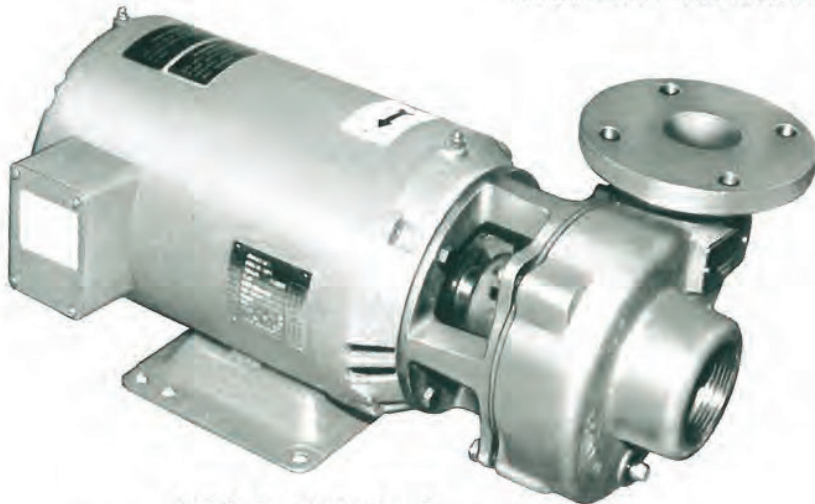
PERFORMANCE DATA 3450 RPM



INDUSTRIAL HORIZONTAL CLOSE COUPLED PUMPS

Models—1¼x1½-5E, 2x2½-6E, 3x3-6E

A NEW ADDITION TO OUR 7800 SERIES. THESE PUMPS ARE OF RUGGED DESIGN FOR USE IN MANY APPLICATIONS, SUCH AS, WATER OR CHEMICAL CIRCULATION, COOLANT HANDLING, INDUSTRIAL WASHERS AND FILTRATION SYSTEMS OF ALL TYPES.



MODEL 2X2½X6E

All models available with ODP or TEFC motors, 230/460 volts, 60 CY., 3 PH, 3450 RPM standard. Other speeds and current characteristics available. Specify when ordering.

RANGES:

0 to 600 GPM @ 3450 RPM
70 to 150 ft. TDH @ Shut Off @ 3450 RPM

1750 RPM performance available.
Call for curves.

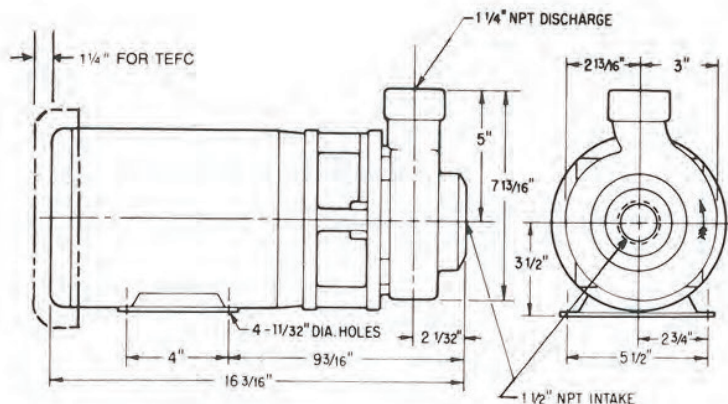
FEATURES:

- Standard close coupled pump motors.
- Stainless shaft sleeve standard equipment
- Available in cast iron, bronze fitted, stainless steel fitted, all bronze or all stainless steel construction.
- Maintenance free operation
 1. Heavy duty mechanical seals for positive sealing.
 2. Greased for life ball bearing. No lubricating motor ball bearings.
- Back-pull-out design for ease when maintenance is required.

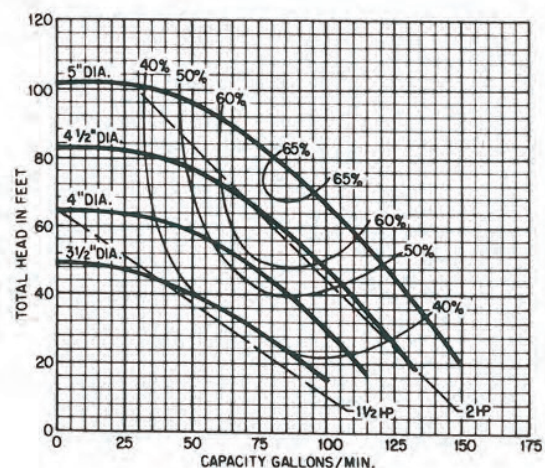
SIZES:

1¼" NPT & Discharge on Model 1¼X1½-5E
2" ASE 150# Flanged Discharge on Model 2X2½X6E
3" ASE 150# Flanged & Discharge on Model 3X3X6E

PUMP MODEL 1¼X1½-6E 7800 SERIES



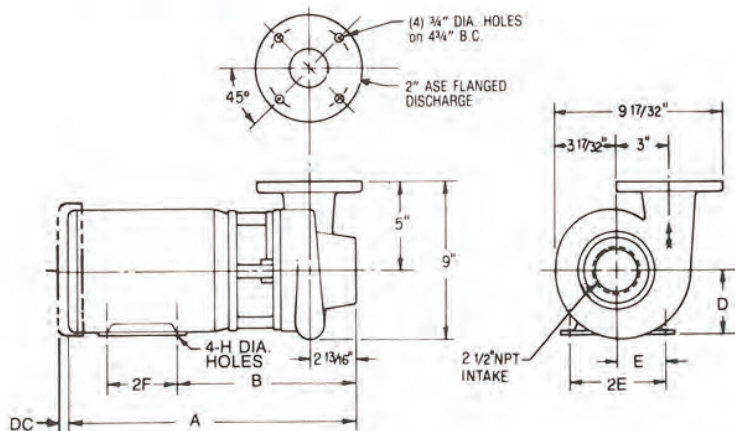
Dimensions for ODP Motors.
Dimensions for Estimating Only.
Certified Drawings available upon request.



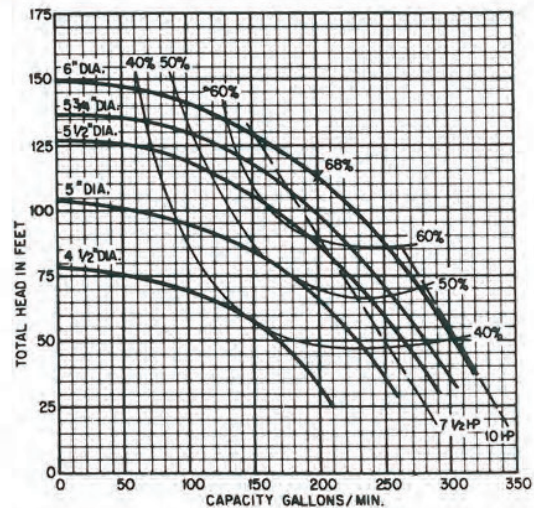
Head and G.P.M. Measured at the Discharge
Pumping Water at approx. 70°F S.G. of 1.

INDUSTRIAL HORIZONTAL CLOSE COUPLED PUMPS

PUMP MODEL 2X2½X6E 7800 SERIES



Dimensions for Estimating Only.
Certified Drawings available upon request.



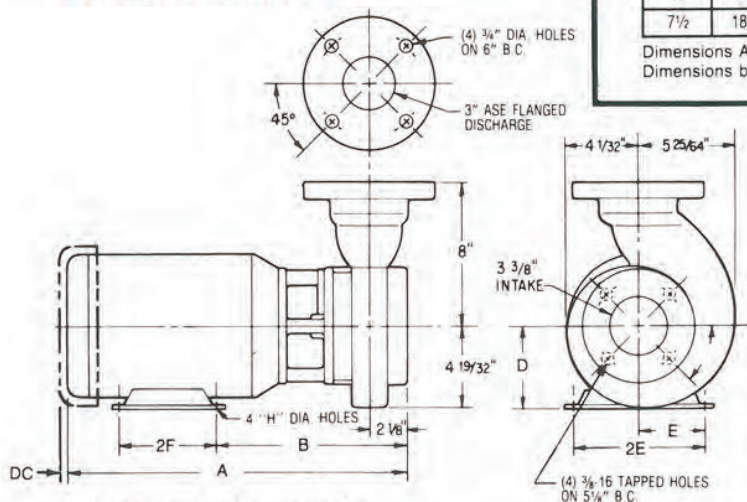
Head and G.P.M. Measured at the Discharge
Pumping Water at approx. 70°F S.G. of 1.

DIMENSIONS IN INCHES

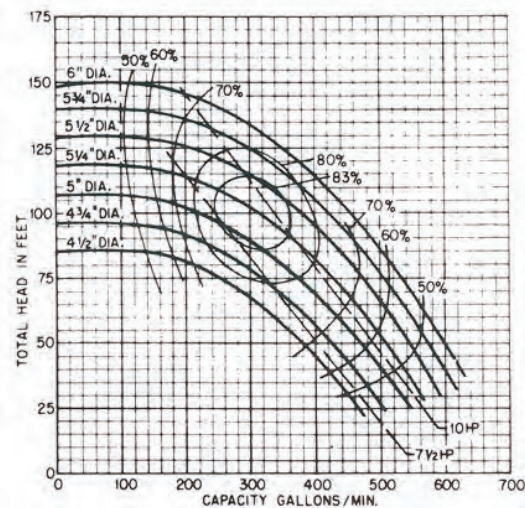
HORSE POWER	N.E.M.E. FR. SIZE D.O.P.	N.E.M.A. FR. SIZE T.E.F.C.	A	B	D	DC	E	2E	2F	H
2	145JM	145JM	17 1/16	9 5/16	3 1/2	1 1/4	2 3/4	5 1/2	5	11 1/32
3	145JM	145JM	17 3/16	10 1/16	3 1/2	2	2 3/4	5 1/2	5	11 1/32
5	182JM	184JM	19 1/16	10 9/16	4 1/2	1 9/16	3 3/4	7 1/2	4 1/2	13 1/32
7 1/2	184JM	184JM	19 1/16	10 9/16	4 1/2	3 1/16	3 3/4	7 1/2	5 1/2	13 1/32

Dimensions A & DC vary with motor manufacturer
Dimensions based on 230/460V, 60 Cy., 3 Ph. motors

PUMP MODEL 3X3-6E 7800 SERIES



Dimensions for Estimating Only.
Certified Drawings available upon request.



Head and G.P.M. Measured at the Discharge
Pumping Water at approx. 70°F S.G. of 1.

DIMENSIONS IN INCHES

HORSE POWER	N.E.M.E. FR. SIZE D.O.P.	N.E.M.A. FR. SIZE T.E.F.C.	A	B	D	DC	E	2E	2F	H
5	184JP	184JP	22 11/16	14 3/16	4 1/2	1 9/16	3 3/4	7 1/2	5 1/2	13 1/32
7 1/2	184JP	213JP	22 11/16	14 3/16	4 1/2	1 9/16	3 3/4	7 1/2	5 1/2	13 1/16
10	213JP	215JP	24 5/8	14 15/16	5 1/4	1 5/8	4 1/4	8 1/2	5 1/2	13 1/32
15	215JP	254JP	24 5/8	14 15/16	5 1/4	1 5/8	4 1/4	8 1/2	7	17 1/32

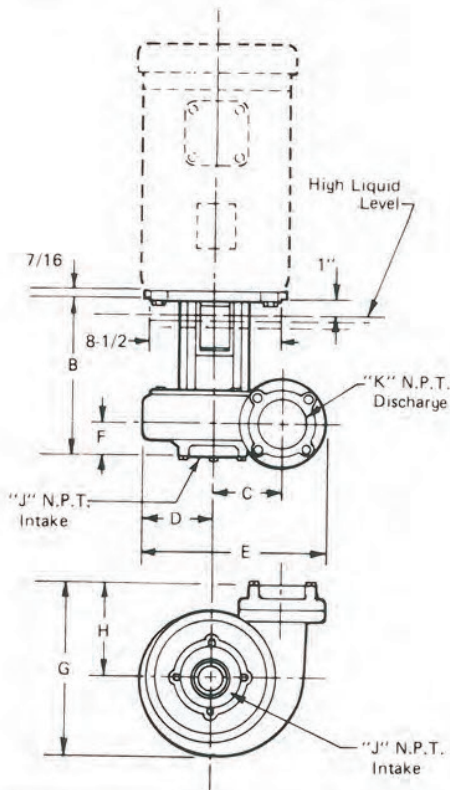
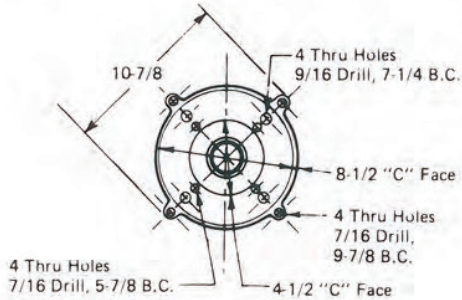
Dimensions A & DC vary with motor manufacturer
Dimensions based on 230/460V, 60 Cy., 3 Ph. motors

* TEFC

DIRECT DRIVE PUMPS

Models — DD-2X2½, DD-3X3

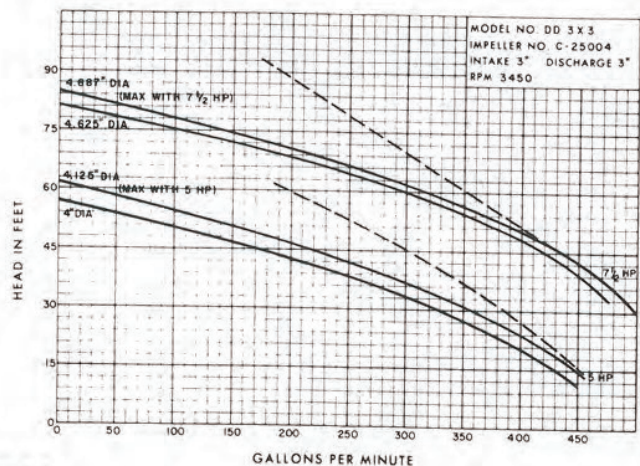
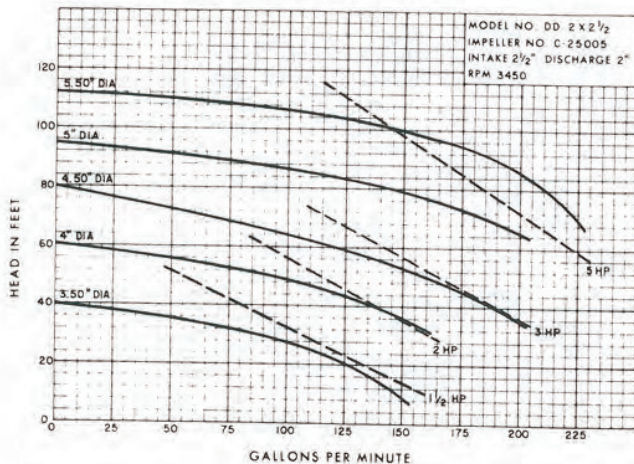
Direct Drive pumps permit mounting of standard 56C fr up to 215TC fr motors to the pump without requiring a flexible coupling. The motor shaft fits snugly into the pump shaft, and the connection of the two shafts is keyed and secured by a self locking, nylon tipped set screw. In addition to being compact, this style is readily mounted to your machine without requiring a special mounting plate.



Dimensions in Inches

Model	B	C	D	E	F	G	H	J	K
								N.P.T.	N.P.T.
DD-2x2½	9 3/32	2 1/4	4 3/16	8 13/16	1 7/8	10 11/16	6	2 1/2	2
DD-3x3	9 29/32	4 1/2	4 1/16	11 3/4	3 11/16	10 11/16	5 1/2	3	3

Above dimensions are for estimating only. Write for certified drawings.





A RUTHMAN COMPANY

www.Gusher.com

Ruthman Companies: A family-owned business supplying pumps for over 100 years



Ruthman Companies was co-founded in 1912 by brothers Alois and Edward Ruthman as the "Ruthman Machinery Company." Based in Cincinnati, the company serviced the steamboats that traveled the Ohio River.

In 1924, Alois conceived the first sealless centrifugal pump, coining the term 'coolant pump.' The brothers named this new pump "Gusher," giving birth to what is now Ruthman Companies' flagship brand, Gusher Pumps.

Alois' son Thomas R. Ruthman joined the family business in 1949, growing the business globally through organic growth and the acquisition of complementary technologies. In the early 1990's, Alois' grandson, Thomas G. Ruthman, became the third generation of Ruthmans in the pump business. Over the years, Ruthman Companies has expanded its product line from the original centrifugal coolant pumps to include valves, vertical turbine pumps, positive displacement pumps, gear pumps, and other specialized pump equipment, while upholding its reputation as a leader in the custom engineering of pumps for the most challenging applications.

GUSHER PUMPS LOCATIONS

Williamstown Headquarters

115 Industrial Road
Williamstown, KY 41097
Phone: 859.824.5001
Fax: 859.824.3011
Email: Info@Gusher.com

Dry Ridge Manufacturing

22 Ruthman Drive
Dry Ridge, KY 41035
Phone: 859.824.5001
Fax: 859.824.3011
Email: Info@Gusher.com

Dry Ridge Training Facility

3565 Dixie Highway
Dry Ridge, KY 41035
Phone: 859.824.5001
Email: Info@Gusher.com

New Castle Sales & Service

403 North Ninth Street
New Castle, IN 47362
Phone: 765.529.5624
Fax: 765.521.0008
Email: GusherNC@Gusher.com

Gusher Pumps, Shanghai

655 Caosheng Rd, Jiading District
Shanghai, China 201808
Phone: +86 (021) 55151993
Email: Flomo@Gusher.com

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BSM Pump Corp.

180 Frenchtown Road
North Kingstown, RI 02852
Phone: 401.471.6350
Fax: 401.471.6370
Email: Sales@BSMPump.com
www.BSMPump.com

Fulflo Hydraulic Valves

459 East Fancy Street
Blanchester, OH 45107
Phone: 937.783.2411
Fax: 937.783.4983
Email: Info@Fulflo.com
www.Fulflo.com

Nagle Pumps

1249 Center Avenue
Chicago Heights, IL 60411
Phone: 708.754.2940
Fax: 708.754.2944
www.NaglePumps.com

Process Systems Inc., Headquarters

23633 Pinewood Street
Warren, MI 48091
Phone: 586.757.5711
Fax: 586.758.6996
Email: Sales@PSI4Pumps.com
www.PSI4Pumps.com

Process Systems Inc., Midwest Service

485 N. State Route 341 South
Mellott, IN 47958
Phone: 765.295.2206
Fax: 765.295.2343
Email: Sales@PSI4Pumps.com
www.PSI4Pumps.com

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1212 Streng Street
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Ruthman Pumps & Service

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Email: Info@RuthmannPumpen.de
www.RuthmannPumpen.de

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West Chester, OH 45069
Phone: 513.559.1901
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Engineering Pump Solutions™

RC19-002/03-20